

ZS 1A.

THIS BOOK MAY NOT BE PHOTOCOPIED



PROCEEDINGS
OF THE
SCIENTIFIC MEETINGS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON
FOR THE YEAR
1866.



PRINTED FOR THE SOCIETY,
AND SOLD AT THEIR HOUSE IN HANOVER SQUARE.
LONDON:
MESSRS. LONGMANS, GREEN, READER, AND DYER,
PATERNOSTER ROW.

52.
1.
4 - 23.
3.

PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

LIST

OF THE

CONTRIBUTORS,

With References to the several Articles contributed by each.

	Page
ADAMS, HENRY, F.L.S.	
List of Mollusks from Formosa	146
Descriptions of a New Genus and a New Species of Mollusks	150
Descriptions of Fifteen New Species of Land and Fresh-water Shells from Formosa, collected by Robert Swinhoe, Esq., Consul at Taiwan in that island. (Plate XXXIII.) . .	316
List of the Shells collected by S. W. Baker, Esq., during his recent explorations in Central Africa	375
List of Land and Freshwater Shells collected by Mr. E. Bartlett on the Upper Amazons, and on the River Ucayali, Eastern Peru, with Descriptions of New Species. (Plate XXXVIII.)	440
Descriptions of Six New Species of Shells, and Note on <i>Opisthostoma de-Crespignii</i> . (Plate XXXVIII.)	445
ANNESLEY, Lieut. O. F. T., R.A.	
Notes on the Habits of <i>Gonodactylus chiragra</i> . (Communicated by Dr. J. E. Gray.)	338

BAIRD, W., M.D., F.L.S.

Description of a New Species of Monœcious Worm belonging to the class Turbellaria and genus *Serpentaria* 101

Descriptions of Two New Species of Phyllopodous Crustaceans. (Plate XII.) 122

BARTLETT, A. D., Superintendent of the Society's Gardens.

Notes on the Breeding of several Species of Birds in the Society's Gardens during the year 1865. (Plate IX.) 76

Observations on *Stringonyx anderssoni* 324

BARTLETT, A. D., Superintendent of the Society's Gardens,
and MURIE, JAMES, M.D., Prosector to the Society.

On the Movement of the Symphysis of the Lower Jaw in the Kangaroos 28

BATES, HENRY WALTER, F.Z.S.

On a collection of Coleoptera from Formosa sent home by R. Swinhoe, Esq., H.B.M. Consul, Formosa 339

BEAVAN, Lieut. R. C., C.M.Z.S.

Extracts from a letter addressed to the Secretary relating to his trip to Zwagaben, and discovery of *Nemorhædus sumatrensis*. 2

BENNETT, GEORGE, M.D., F.Z.S.

Extract from a letter addressed to the Secretary by, respecting a Lyre-bird 167

Extract from a letter addressed to the Secretary by, respecting *Dendrocygna eytoni* 417

BLANFORD, W. T., Assoc. Roy. Sch. Min., F.G.S.

On *Opisthostoma*, H. Blanford, with the Description of a New Species from the neighbourhood of Bombay, and of the Animal and Operculum. (Plate XXXVIII.) 447

BLYTH, EDWARD, C.M.Z.S.

A Note on African Buffalos 371

BULGER, Capt. G. E., F.L.S., C.M.Z.S.

List of Birds observed at Wellington, Neilgherry Hills,
about 6000 feet above the level of the sea, during the months
of April and May, 1866. 568

BURMEISTER, H., Ph.D., F.M.Z.S.

Extract from a letter addressed to Mr. Sclater on the
Tyrannidæ found near Buenos Ayres 2

BUTLER, A. G., F.Z.S., Assistant, Zoological Department,
British Museum.

Descriptions of some New Exotic Butterflies in the Na-
tional Collection. (Plate III.) 39

Monograph of the Diurnal Lepidoptera belonging to the
Genus *Danaïs*, being a Revision of the Insects of that Genus,
with Descriptions of New Species in the National Collection
(Plate IV.) 43

Note on the Genus *Brahmæa* of Walker 118

Supplement to a Monograph of the Genus *Danaïs*, founded
on Specimens in the Collection of Mr. Osbert Salvin 171

A Revision of the Genus *Hypna*, with Descriptions of the
New Species. (Plate XXIII.) 206

A Monograph of the Diurnal Lepidoptera belonging to the
Genus *Euplæa*, with Descriptions of many New Species;
founded principally on the Specimens in the Collection of
the British Museum. (Plates XXIX., XXX.) 268

Corrections and Addenda to certain Papers on Lepidoptera
published during the years 1865-66; with Additional Notes
on some of the Species described 451

A Monograph of the Genus *Euptychia*, a numerous race
of Butterflies belonging to the Family *Satyridæ*; with De-
scriptions of Sixty Species new to Science, and Notes on
their Affinities &c. (Plates XXXIX., XL.) 458

Note on some Species of Butterflies belonging to the Genus
Catagramma 578

CANFIELD, COLBERT A., M.D., C.M.Z.S.

On the Habits of the Prongbuck (*Antilocapra americana*),
and the periodical shedding of its Horns 105

CARTE, ALEXANDER, M.D., M.A. Dubl., M.R.I.A., F.L.S., &c.

Notes on the Genus *Chiasmodon*. (Plate II.) 35

On an Undescribed Species of Petrel from the Blue Moun-
tains of Jamaica. (Plate X.) 93

COUCH, JONATHAN, F.L.S., C.M.Z.S.

On the Occurrence on the Coast of Cornwall of an exam-
ple of the Fish called Cuvier's *Ausonia*, or Luvaru. 332

COX, J. C., M.D., C.M.Z.S.

Characters of Six New Australian Land-Shells 373

CRISP, EDWARDS, M.D., F.Z.S. &c.

Further Observations relating to the Anatomy of the
Giraffe 563

DAVIDSON, THOMAS, F.R.S., F.G.S., &c.

Notes on some recent Brachiopoda dredged by the late
Lucas Barrett off the North-east Coast of Jamaica, and
now forming part of the Collection of Mr. R. MacAndrew
(Plate XII.) 102

DILKE, Sir C. W., Bart., F.Z.S.

Letter from, respecting a Gyr Falcon 2

DOHRN, H., M.D., C.M.Z.S.

Synopsis of the Birds of Ilha do Principe, with some
Remarks on their Habits and Descriptions of New Species
(Plate XXXIV.) 324

DRESSER, H. E., F.Z.S.

Notes on the Breeding of the Booted Eagle (*Aquila pennata*) 377

FLOWER, WILLIAM HENRY, F.R.S., F.L.S., F.Z.S., Conser- vator of the Museum of the Royal College of Surgeons.	
Memoir on the Osteology of the Sperm-Whale. (Part I.)	81
Exhibition of some Insects taken on board a ship at sea.	305
Memoir on <i>Inia</i> and <i>Pontoporia</i>	426
FRASER, LOUIS, C.M.Z.S.	
Communication of a List of Mollusks collected by R. Swinhoe, Esq., in Formosa	146
Exhibition of a pair of Horns of <i>Cervus mariannus</i>	367
GOULD, JOHN, F.R.S., F.L.S., V.P.Z.S., &c.	
Description of a New Species of Toucan belonging to the Genus <i>Aulacoramphus</i>	24
Exhibition of the Trachea of <i>Manucodia gouldi</i>	201
Exhibition of a specimen of the Andalusian Hemipode (<i>Turnix sylvatica</i>)	210
Additions to the List of the Avifauna of Australia, with Descriptions of Three New Species	217
Exhibition of <i>Ptilotis cassidix</i> , and other rare Australian species	558
GRAY, G. R., F.R.S., F.L.S., F.Z.S.	
On a New Species of <i>Penelope</i> lately living in the Society's Gardens. (Plate XXII.)	206
GRAY, JOHN EDWARD, Ph.D., F.R.S., F.L.S., V.P.Z.S., Keeper of the Zoological Collections in the British Museum.	
Description of Two New Forms of Gorgonioid Corals.	24
A Revision of the Genera of Pteropine Bats (<i>Pteropidae</i>), and the Descriptions of some apparently Undescribed Species	62
A Revision of the Genera of <i>Rhinolophidae</i> , or Horseshoe Bats	81
Exhibition of a series of Glass Models of <i>Actinia</i>	105
Revision of the Genera of <i>Phyllostomidae</i> , or Leaf-nosed Bats	111

	Page
Notice of the Examination of the Type Specimen of <i>Aëlla</i> <i>cuvieri</i> of Leach.	147
Notice of a New West-African Monkey living in the Gar- dens of the Society. (Plate XVI.)	168
Notice of a New Species of <i>Nasua</i> (Plate XVII.)	169
Notice of a New Species of <i>Spatangus</i>	170
Notice of an Ape (<i>Macacus inornatus</i>) and a Bushbock (<i>Cephalophus breviceps</i>) in the Gardens of the Society (Plates XIX., XX.)	202
Notice of a New Bat (<i>Scotophilus welwitschii</i>) from Angola (Plate XXIV.)	211
Notes on the Skulls of Dolphins, or Bottlenose Whales, in the British Museum	211
Notes on some Mammalia from Port Albany (Cape York Peninsula), North Australia, with the Descriptions of some New Species. (Plate XXV.)	219
Notes on some Young Specimens of Tortoises (<i>Testudo</i>)..	305
On the Species of Porcupines in the Gardens of the Society and in the British Museum. (Plate XXXI.).. . . .	306
 GROTE, A., F.Z.S.	
Letter from, referring to the locality of <i>Acanthochærus</i> <i>grotei</i>	417
 GÜNTHER, ALBERT, M.A., Ph.D., M.D., F.Z.S.	
Remarks on <i>Chiasmodon</i>	38
Remarks on the Skeleton of <i>Ausonia cuvieri</i>	336
Memoir on the Fishes of the States of Central America collected by Messrs. Salvin and Godman and Capt. Dow ..	600
 HARTLAUB, Dr. GUSTAV, F.M.Z.S.	
Synopsis of the Genus <i>Cursorius</i> . (Plate VI.)	61
On a New Genus and Species of Birds from Madagascar..	218
On a New Species of the Genus <i>Crateropus</i> , Sw. (Plate XXXVII.)	435

JOHNSON, JAMES YATE, C.M.Z.S.

- Description of *Trachichthys darwinii*, a New Species of Berycoid Fish from Madeira. (Plate XXXII.) 311

KAUP, Dr. J., C.M.Z.S., Keeper of the Royal Zoological Museum, Darmstadt.

- Description of Two New Species of the Genus *Bacillus*, Latr. 577

KREFFT, GERARD, Curator and Secretary, Australian Museum, Sydney, New South Wales, C.M.Z.S.

- Descriptions of Three Species of Snakes of the Genus *Hoplocephalus* 370

- On the Classification of the small *Dasyuridæ* of Australia, with Descriptions of Two New Genera and One New Species (Plate XXXVI.) 431

LANDBECK, Herr E. L.,

- Extract from a letter addressed to the Secretary by, relating to the Humming-birds of Juan Fernandez 557

LILLJEBORG, Prof. W., F.M.Z.S.

- Outlines of a Systematic Review of the Class of Birds . . 5

- Note on the Geographical Distribution of the Narwhal (*Monodon monoceros*) 559

MIVART, ST. GEORGE J., F.L.S., F.Z.S., Lecturer on Comparative Anatomy at St. Mary's Hospital.

- On the Structure and Affinities of *Microrhynchus laniger* (Plate XV.) 151

- Memoir on the "Appendicular Skeleton of the Orang (*Simia*)" 558

MIVART, ST. GEORGE J., F.L.S., F.Z.S., Lecturer on Comparative Anatomy at St. Mary's Hospital, and MURIE, JAMES, M.D., Prosector to the Society.

- Memoir on the Anatomy of the *Lemuroidea* 168

- On the Anatomy of the Crested Agouti (*Dasyprocta cristata*, Desm.) 383

	Page
MOORE, FREDERIC, and WALLACE, A. R., F.Z.S.	
List of Lepidopterous Insects collected at Takow, Formosa, by Mr. R. Swinhoe.....	355
 MOORE, T. J., C.M.Z.S., Keeper of the Derby Museum, Liverpool.	
On the Habitat of the Derbyan Crested Screamer (<i>Chauna derbiana</i>)	368
 MURIE, JAMES, M.D., Prosector to the Society.	
Notes on the Markhore and the Chimpanzee	35
Supplementary Notes on the Red-bellied Monkey (<i>Cerco-pithecus erythrogaster</i> , Gray)	380
On the Llama and Alpaca in their Summer Dress. (Plate XLIV.)	580
On the Occurrence of <i>Æstrus tarandi</i> , Linn., in a Reindeer in the Society's Gardens	590
Account of a Case of Malformation in the Generative Organs of a Cow	592
 MURIE, JAMES, M.D., Prosector to the Society, and BARTLETT, A. D., Superintendent of the Society's Gardens.	
On the Movement of the Symphysis of the Lower Jaw in the Kangaroos	28
 MURIE, JAMES, M.D., Prosector to the Society, and MIVART, ST. GEORGE J., F.L.S., F.Z.S., Lecturer on Comparative Anatomy at St. Mary's Hospital.	
Memoir on the Anatomy of the <i>Lemuroidea</i>	168
On the Anatomy of the Crested Agouti (<i>Dasyprocta cristata</i> , Desm.)	383
 MURRAY, ANDREW, F.L.S.	
Remarks on the Minor Characters of Mammalia.....	146
On <i>Galago murinus</i> , Murray.....	560
 NATION, Prof. WILLIAM, C.M.Z.S. (See SCLATER, PHILIP LUTLEY.)	

	Page
NEWTON, ALFRED, M.A., F.L.S., F.Z.S., Professor of Zoology and Comparative Anatomy in the University of Cambridge.	
Exhibition of a specimen of the <i>Sylvia aquatica</i>	210
OWEN, Professor RICHARD, M.D., D.C.L., F.R.S., F.L.S., F.G.S., F.Z.S., Superintendent of the Natural History Collections, British Museum.	
Memoir on the Osteology of the Dodo	4
PASCOE, F. P., F.L.S., F.Z.S.	
Catalogue of Longicorn Coleoptera collected in the Island of Penang by James Lamb, Esq. Part I. (Plates XXVI., XXVII., XXVIII.)	222
Catalogue of Longicorn Coleoptera collected in the Island of Penang by James Lamb, Esq. Part II. (Plates XLI., XLII., XLIII.)	504
PETERS, Dr. WILLIAM, Director of the Royal Zoological Museum, Berlin, F.M.Z.S.	
On some Mammalia collected by Capt. A. C. Beavan, C.M.Z.S., at Moulmein, Burmah. (Plate XXXV.)	426
On <i>Taphozous flaviventris</i> , Gould, a new Species of Bat from Australia	430
Note on a Collection of Bats from Trinidad	430
Note on a Bat from the Azores	558
Note on a Collection of Mice made by Capt. E. C. Beavan at Maubhoum in 1865	558
RAMSAY, EDWARD P., of Dobroyde, New South Wales, C.M.Z.S.	
Description of a New Species of <i>Atrichia</i> from the Richmond River, New South Wales	438
Remarks upon the New Species of <i>Atrichia</i> and on <i>A. clamosa</i> of the West Coast	439
Notes on the most frequent Fosterparents of the Cuckoos of Australia	571

SALVIN, OSBERT, M.A., F.Z.S. &c.

Descriptions of Eight New Species of Birds from Veragua
(Plates VII., VIII.) 67

SALVIN, OSBERT, M.A., F.Z.S., and SCLATER, P. L., M.A.,
Ph.D., F.R.S., Secretary to the Society.

Catalogue of Birds collected by Mr. E. Bartlett on the
River Ucayali, Eastern Peru, with Notes and Descriptions of
New Species. (Plate XVIII.)..... 175

On some Additions to the Catalogue of Birds collected by
Mr. E. Bartlett on the River Ucayali 566

SAURIN, DUDLEY EDWARD.

Notice on the Pheasants found in the neighbourhood of
Pekin 436

SCHLEGEL, Dr. H., F.M.Z.S.

Extract from a letter addressed to Mr. P. L. Sclater re-
specting *Casuarus uniappendiculatus* 168

Communication from, on Mammals and Birds collected in
Madagascar 419

SCLATER, PHILIP LUTLEY, M.A., Ph.D., F.R.S., F.L.S.,
Secretary to the Society.

Notice of the addition of a Gayal (*Bos frontalis*) to the
Society's Menagerie. (Plate I.) 1

Remarks on *Lemur leucomystax*, Bartlett. 1

Extract of a letter from Dr. Burmeister on the *Tyrannidæ*
of Buenos Ayres 2

Report on Birds collected at Windvogelberg, South Africa,
by Capt. G. E. Bulger, C.M.Z.S..... 21

Exhibition of an Egg of the One-carunculated Cassowary
(*Casuarus uniappendiculatus*)..... 34

Remarks on the American Lepidosiren (*Lepidosiren pa-
radoxa*) 34

On a New American Cuckoo of the Genus *Neomorphus*
(Plate V.) 59

	Page
Remarks on some Monkeys received from St. Kitts, West Indies	79
Notice of some recent additions to the Society's Menagerie	80
Exhibition of a collection of Mammals and Birds from Japan	80
On the Birds of the Vicinity of Lima, Peru. With Notes on their Habits, by Prof. W. NATION, of Lima, C.M.Z.S. (Part I.) (Plate XI.)	96
Notice of a Pudu Deer recently added to the Society's Menagerie	104
Notes upon the American <i>Caprimulgidæ</i> . (Plates XIII., XIV.)	123
Additional Notes on the <i>Anatidæ</i> of the Genera <i>Dendrocygna</i> and <i>Tadorna</i>	148
Notice of Additions to the Society's Menagerie, and of the transmission of a Manatee to the Society by Mr. G. W. Latimer, of Porto Rico	201
Remarks on recent Additions to the Society's Menagerie .	203
Note on the Genus <i>Geobates</i> of Swainson. (Plate XXI.)	204
Notice of several interesting Species of Mammals and Birds living in the Gardens of the Société Zoologique d'Acclimatation of Paris	210
On a New Species of the Genus <i>Accipiter</i> from New Granada	302
Notice of a rare American Monkey (<i>Pithecia leucocephala</i>) lately added to the Society's Menagerie	305
Descriptions of Six New Species of American Oscines . . .	320
Notice of a specimen of the Californian Vulture (<i>Cathartes californianus</i>) recently added to the Society's Collection . . .	366
Note on <i>Chauna nigricollis</i>	369
Exhibition of a young specimen of <i>Chauna derbiana</i> , forwarded to him by Dr. W. Huggins of San Fernando, Trinidad, C.M.Z.S.	417
Notice of recent Additions to the Society's Menagerie . .	418
Exhibition of some specimens of <i>Eustephanus fernandensis</i> and <i>E. stokesi</i>	556





